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INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/014600

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ G02F1/025

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ G02F1/025

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 11-133367 A (Oki Electric Industry Co., Ltd.), 21 May, 1999 (21.05.99), Fig. 1 & US 6198853 B1	1-5, 7-14 6
Y A	JP 3-231220 A (Nippon Telegraph And Telephone Corp.), 15 October, 1991 (15.10.91), Page 2, lower right column, lines 6 to 7 (Family: none)	1-5, 7-14 6
Y	JP 8-335745 A (Fujitsu Ltd.), 17 December, 1996 (17.12.96), Par No. [0012] (Family: none)	5

 Further documents are listed in the continuation of Box C. See patent family annex.

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Date of the actual completion of the international search
05 January, 2005 (05.01.05)Date of mailing of the international search report
25 January, 2005 (25.01.05)Name and mailing address of the ISA/
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 5-75212 A (Nippon Telegraph And Telephone Corp.), 26 March, 1993 (26.03.93), Par No. [0036] (Family: none)	8-11
Y	JP 7-50403 A (Nippon Telegraph And Telephone Corp.), 21 February, 1995 (21.02.95), Par No. [0018] (Family: none)	9
Y	JP 5-307200 A (Nippon Telegraph And Telephone Corp.), 19 November, 1993 (19.11.93), Par No. [0006] (Family: none)	12-14